

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
 Data File : BF137735.D
 Acq On : 26 Apr 2024 15:16
 Operator : CG\JU
 Sample : P2218-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-131-GW-01

Quant Time: Apr 26 15:38:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

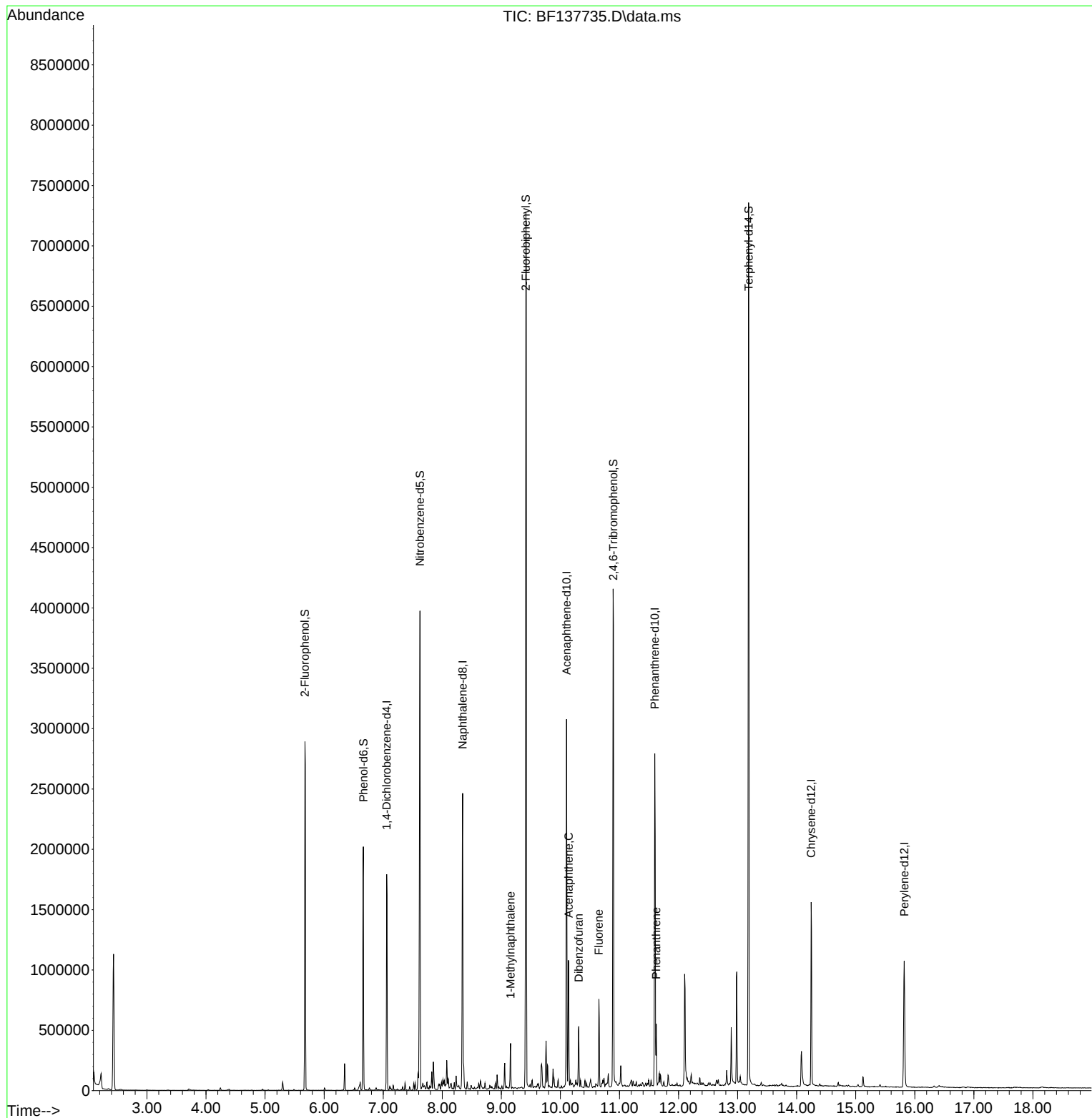
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	263842	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1035157	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	578632	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	973877	20.000	ng	0.00
76) Chrysene-d12	14.245	240	496435	20.000	ng	-0.01
86) Perylene-d12	15.821	264	495411	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	793107	45.662	ng	0.00
7) Phenol-d6	6.663	99	648813	29.416	ng	-0.01
23) Nitrobenzene-d5	7.622	82	1251771	64.191	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	534657	91.569	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2430060	62.752	ng	-0.01
79) Terphenyl-d14	13.186	244	2455536	79.614	ng	-0.01
Target Compounds						
						Qvalue
38) 1-Methylnaphthalene	9.157	142	91219	2.691	ng	99
52) Acenaphthene	10.139	154	232503	7.096	ng	99
55) Dibenzofuran	10.310	168	190902	3.975	ng	98
58) Fluorene	10.651	166	185897	4.953	ng	98
71) Phenanthrene	11.622	178	158574	3.076	ng	97

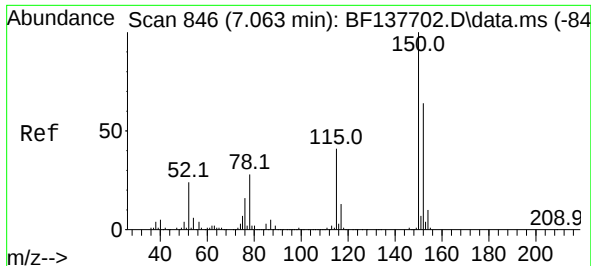
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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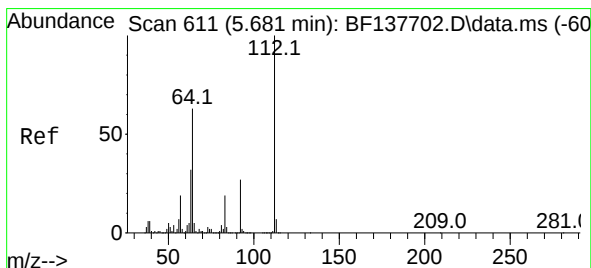
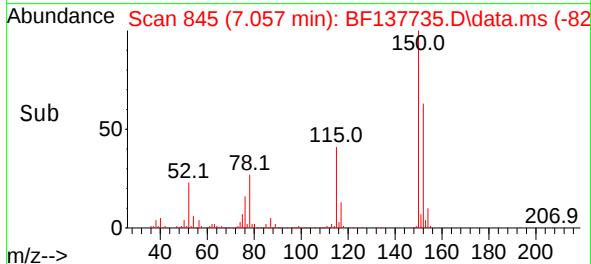
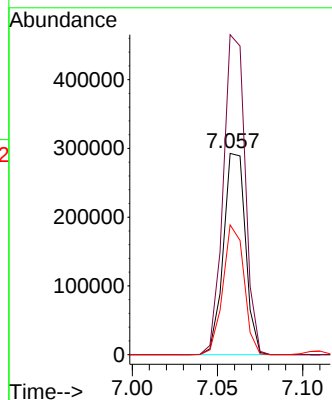
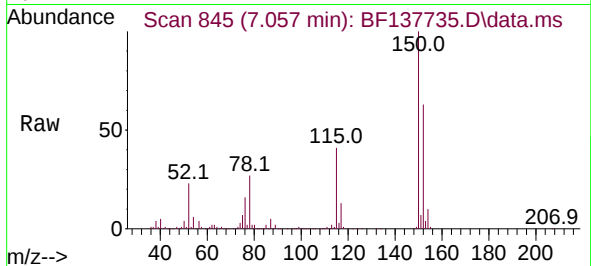




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137735.D
Acq: 26 Apr 2024 15:16

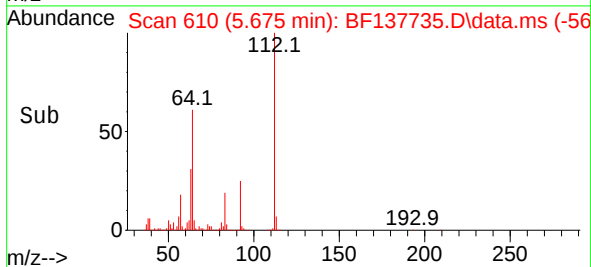
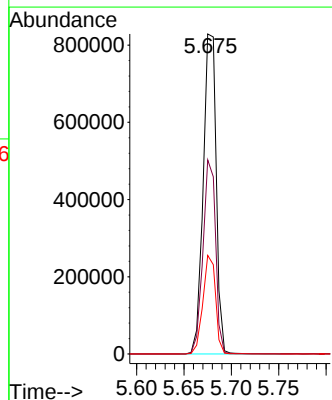
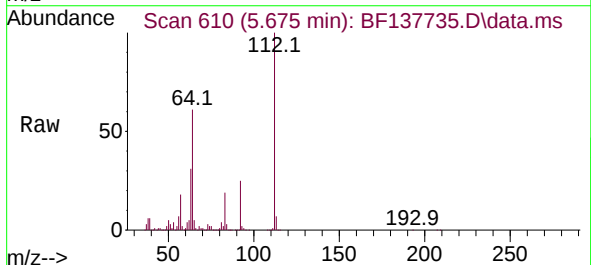
Instrument :
BNA_F
ClientSampleId :
B-131-GW-01

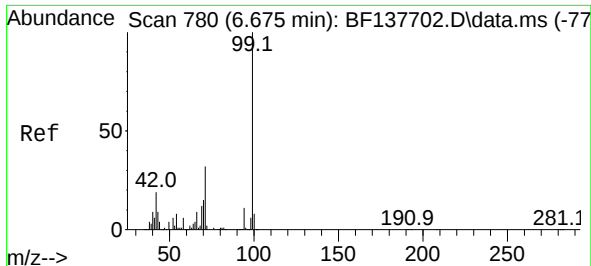
Tgt Ion:152 Resp: 263842
Ion Ratio Lower Upper
152 100
150 159.0 124.2 186.4
115 64.5 50.8 76.2



#5
2-Fluorophenol
Concen: 45.662 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.006 min
Lab File: BF137735.D
Acq: 26 Apr 2024 15:16

Tgt Ion:112 Resp: 793107
Ion Ratio Lower Upper
112 100
64 60.6 50.1 75.1
63 30.8 25.2 37.8

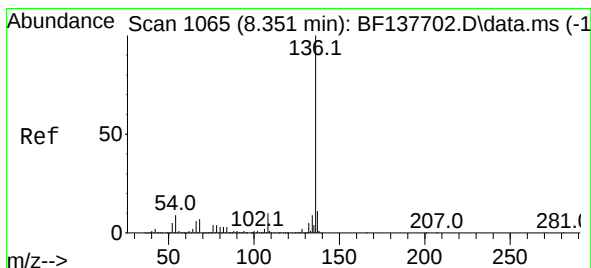
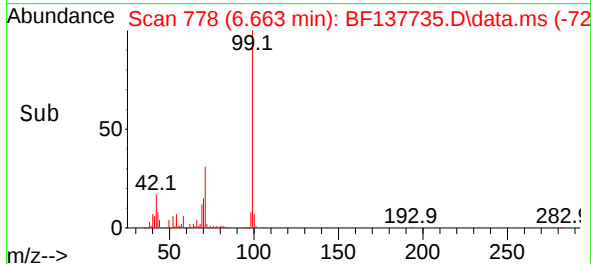
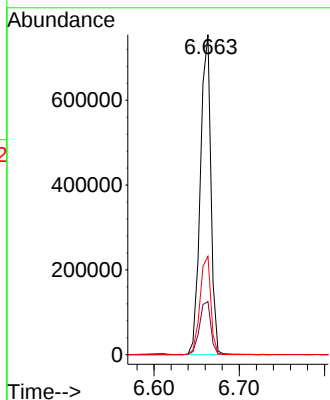
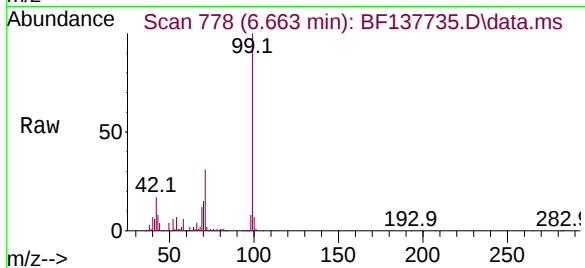




#7
Phenol-d6
Concen: 29.416 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137735.D
Acq: 26 Apr 2024 15:16

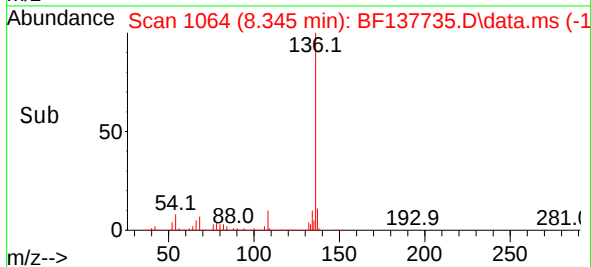
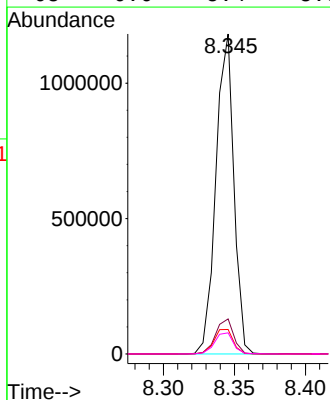
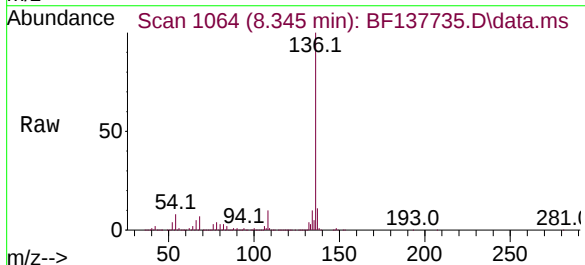
Instrument :
BNA_F
ClientSampleId :
B-131-GW-01

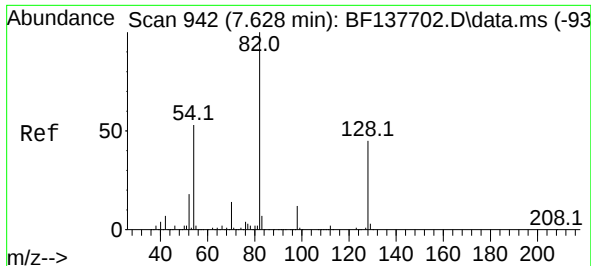
Tgt Ion: 99 Resp: 648813
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.4
71 30.7 25.7 38.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137735.D
Acq: 26 Apr 2024 15:16

Tgt Ion: 136 Resp: 1035157
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 6.9 10.3
68 6.6 5.4 8.0





#23

Nitrobenzene-d5

Concen: 64.191 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137735.D

Acq: 26 Apr 2024 15:16

Instrument :

BNA_F

ClientSampleId :

B-131-GW-01

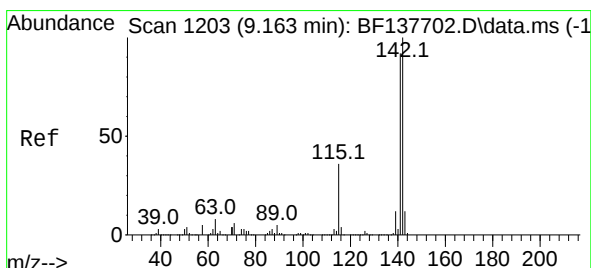
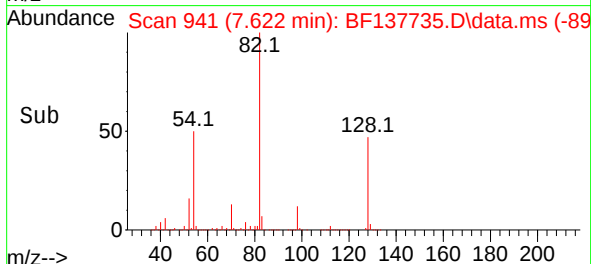
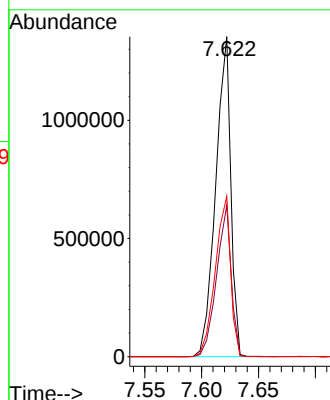
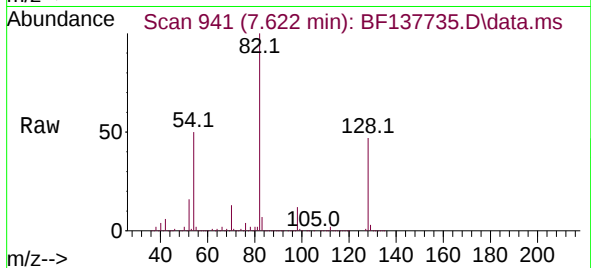
Tgt Ion: 82 Resp: 1251771

Ion Ratio Lower Upper

82 100

128 47.3 35.8 53.6

54 50.1 42.5 63.7



#38

1-Methylnaphthalene

Concen: 2.691 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF137735.D

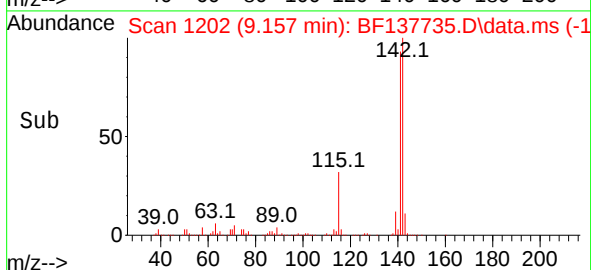
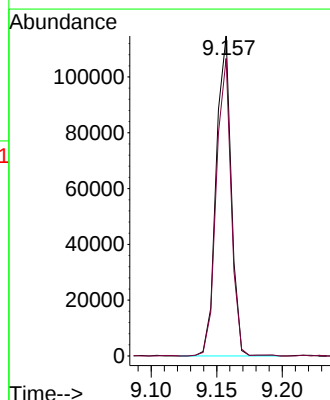
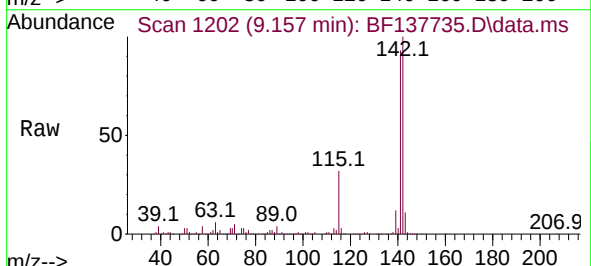
Acq: 26 Apr 2024 15:16

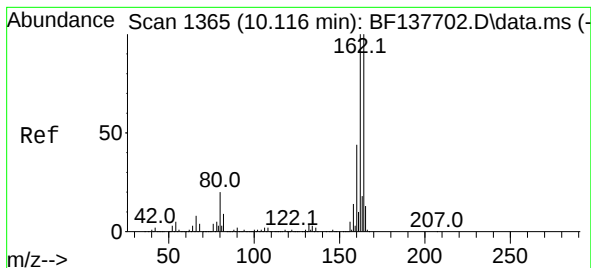
Tgt Ion:142 Resp: 91219

Ion Ratio Lower Upper

142 100

141 93.0 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.012 min

Lab File: BF137735.D

Acq: 26 Apr 2024 15:16

Instrument :

BNA_F

ClientSampleId :

B-131-GW-01

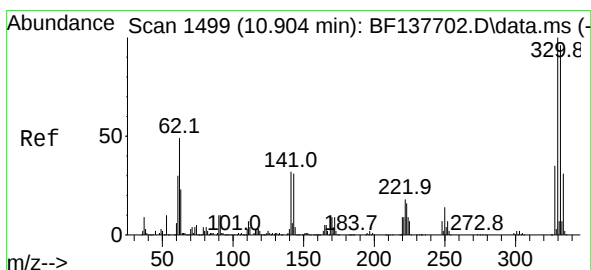
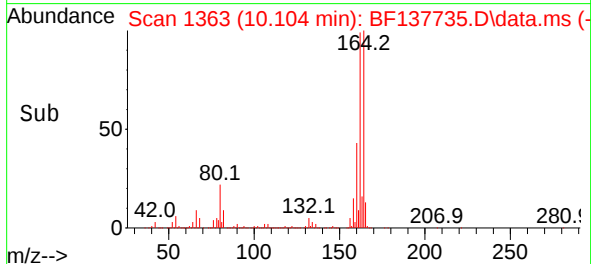
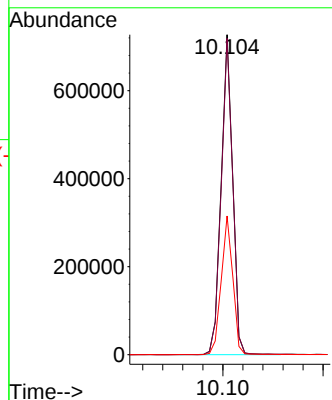
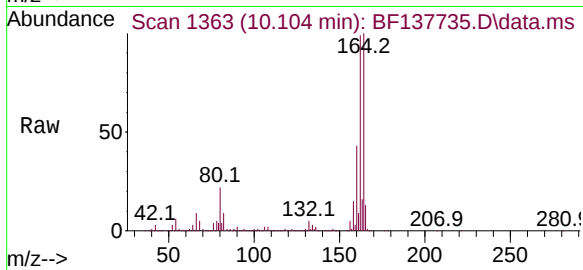
Tgt Ion:164 Resp: 578632

Ion Ratio Lower Upper

164 100

162 98.9 80.3 120.5

160 43.4 35.0 52.4



#42

2,4,6-Tribromophenol

Concen: 91.569 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137735.D

Acq: 26 Apr 2024 15:16

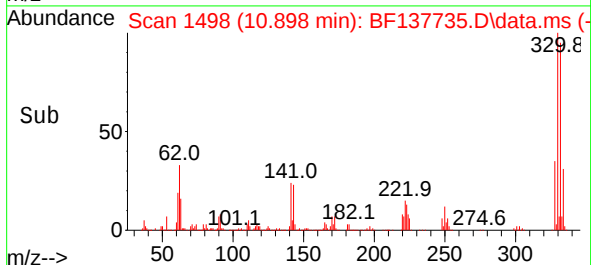
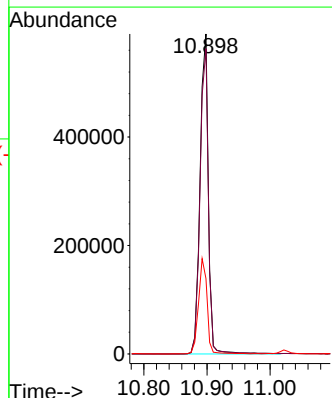
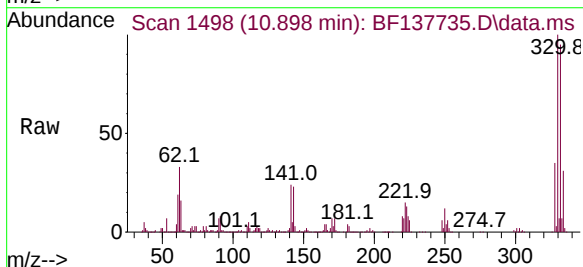
Tgt Ion:330 Resp: 534657

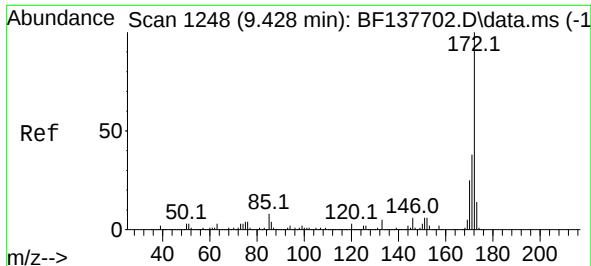
Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 31.1 27.0 40.4





#45

2-Fluorobiphenyl

Concen: 62.752 ng

RT: 9.416 min Scan# 1369

Delta R.T. -0.012 min

Lab File: BF137735.D

Acq: 26 Apr 2024 15:16

Instrument :

BNA_F

ClientSampleId :

B-131-GW-01

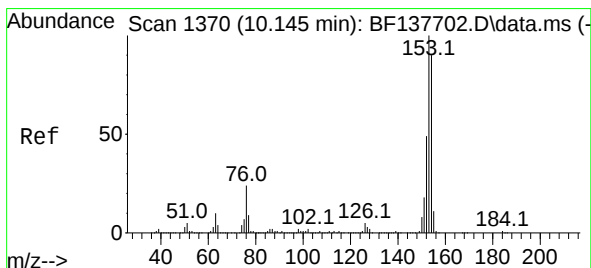
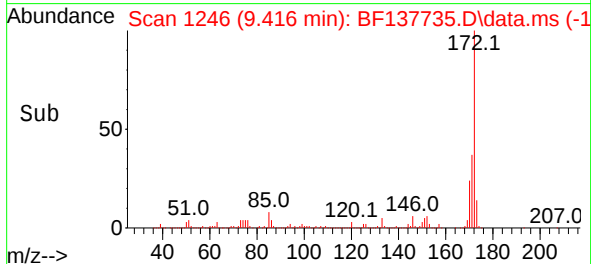
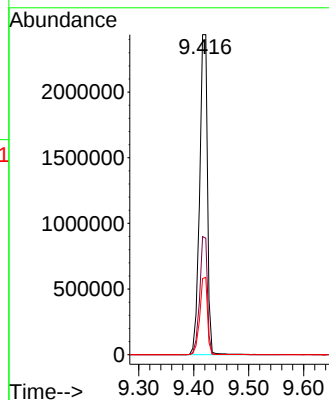
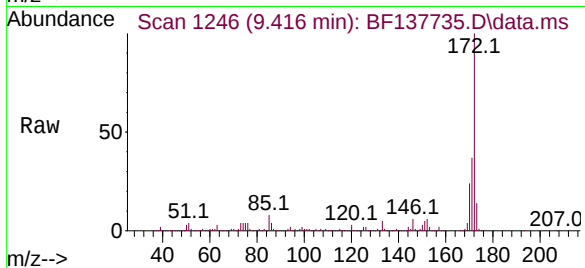
Tgt Ion:172 Resp: 2430060

Ion Ratio Lower Upper

172 100

171 36.9 30.2 45.4

170 23.8 20.2 30.4



#52

Acenaphthene

Concen: 7.096 ng

RT: 10.139 min Scan# 1369

Delta R.T. -0.006 min

Lab File: BF137735.D

Acq: 26 Apr 2024 15:16

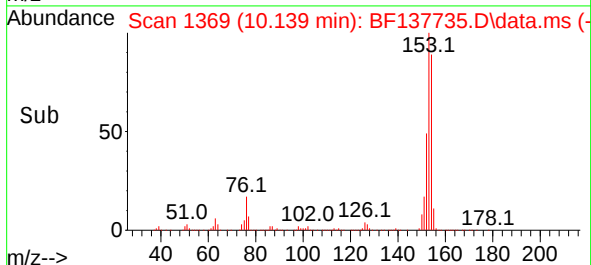
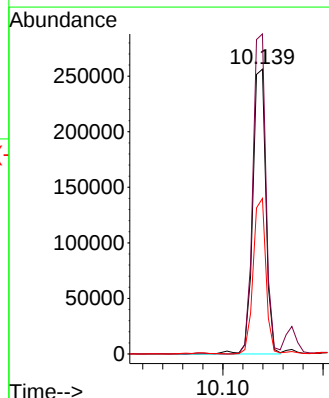
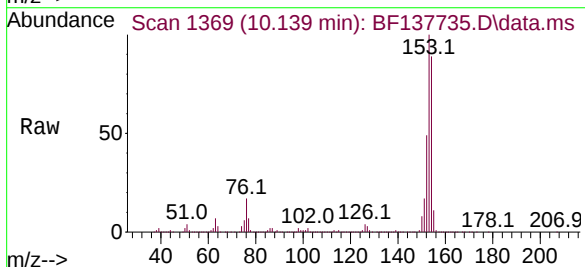
Tgt Ion:154 Resp: 232503

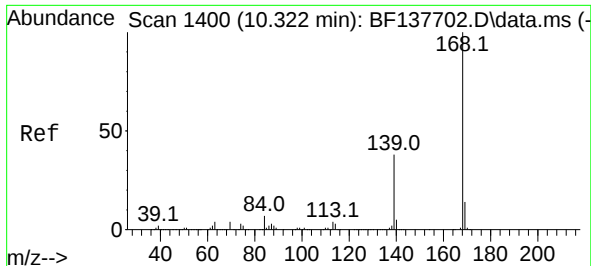
Ion Ratio Lower Upper

154 100

153 112.4 88.5 132.7

152 54.6 43.3 64.9





#55

Dibenzenofuran

Concen: 3.975 ng

RT: 10.310 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF137735.D

Acq: 26 Apr 2024 15:16

Instrument :

BNA_F

ClientSampleId :

B-131-GW-01

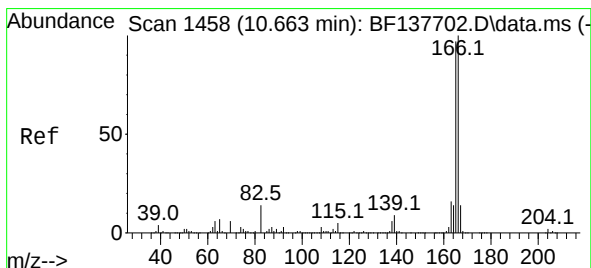
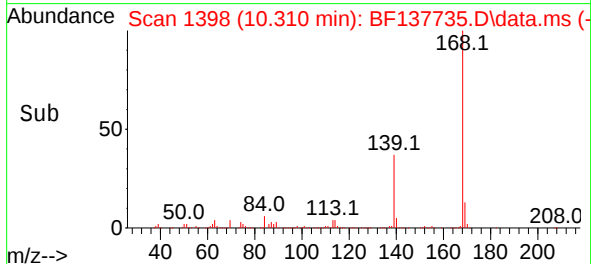
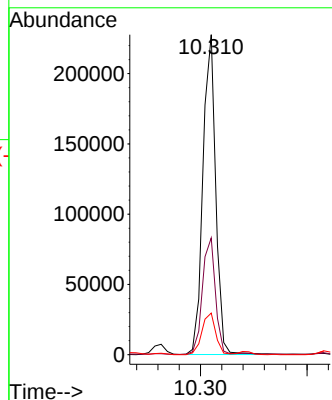
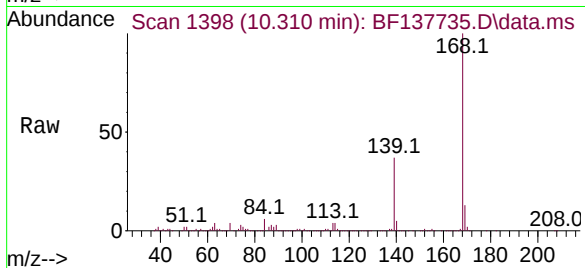
Tgt Ion:168 Resp: 190902

Ion Ratio Lower Upper

168 100

139 36.5 30.1 45.1

169 13.0 10.9 16.3



#58

Fluorene

Concen: 4.953 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.012 min

Lab File: BF137735.D

Acq: 26 Apr 2024 15:16

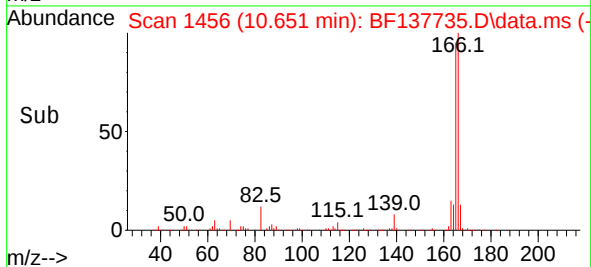
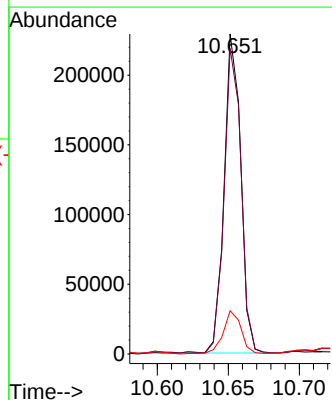
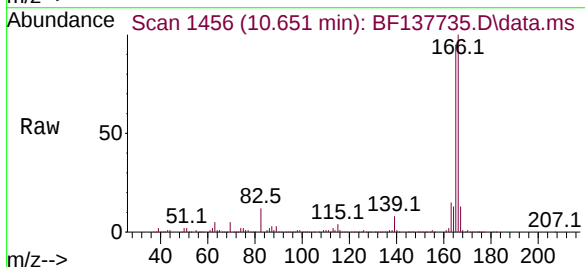
Tgt Ion:166 Resp: 185897

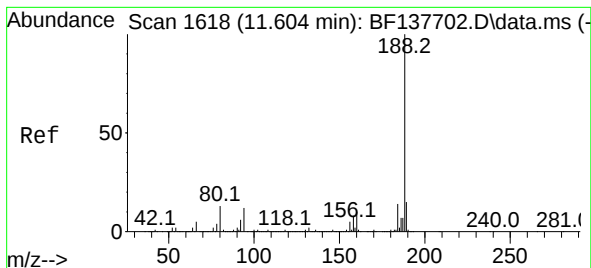
Ion Ratio Lower Upper

166 100

165 95.4 77.8 116.6

167 13.5 10.8 16.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137735.D

Acq: 26 Apr 2024 15:16

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B-131-GW-01

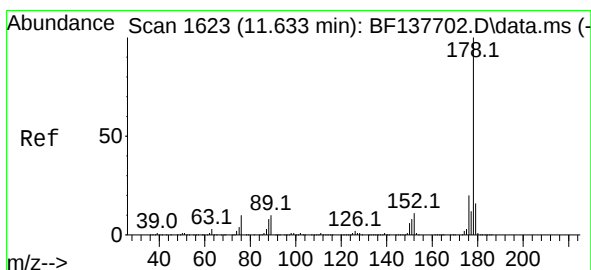
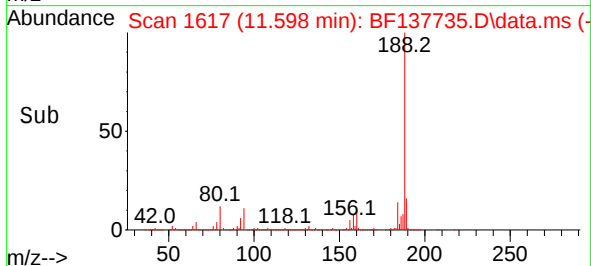
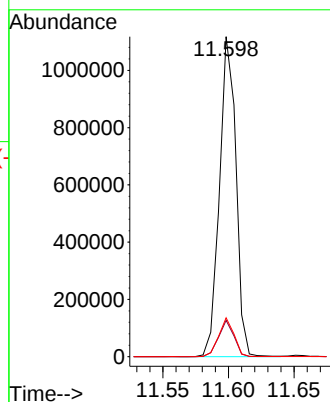
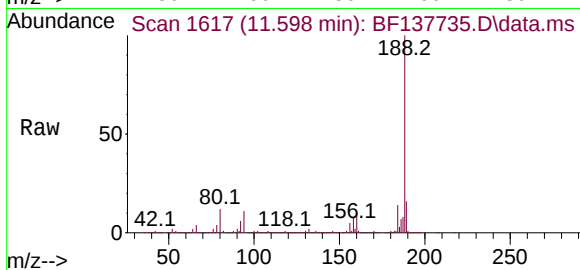
Tgt Ion:188 Resp: 973877

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

80 12.2 10.2 15.4



#71

Phenanthrene

Concen: 3.076 ng

RT: 11.622 min Scan# 1621

Delta R.T. -0.012 min

Lab File: BF137735.D

Acq: 26 Apr 2024 15:16

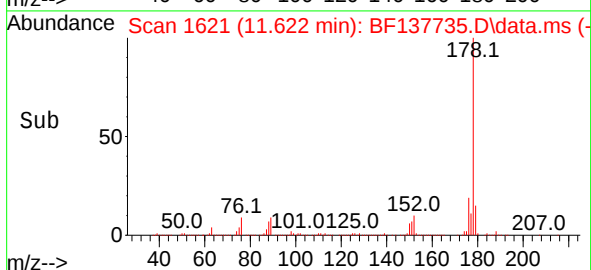
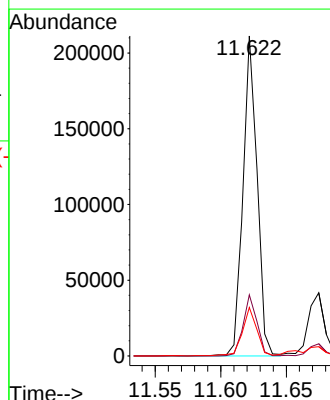
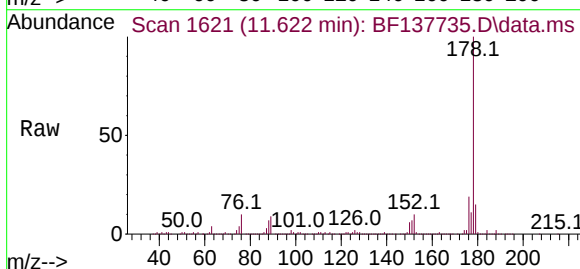
Tgt Ion:178 Resp: 158574

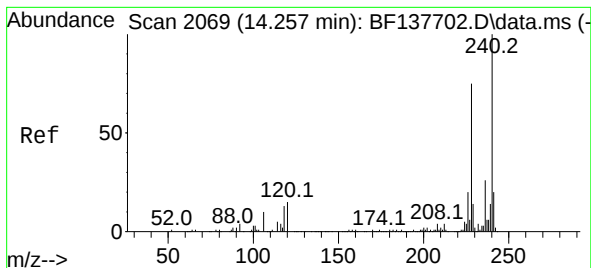
Ion Ratio Lower Upper

178 100

176 19.1 16.4 24.6

179 15.2 12.8 19.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.012 min

Lab File: BF137735.D

Acq: 26 Apr 2024 15:16

Instrument :

BNA_F

ClientSampleId :

B-131-GW-01

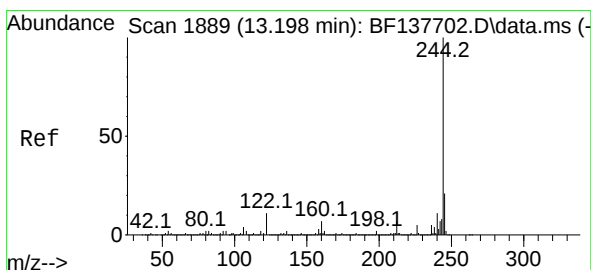
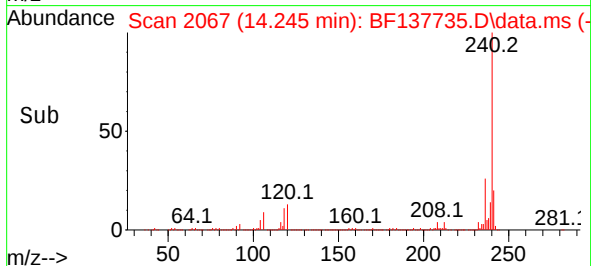
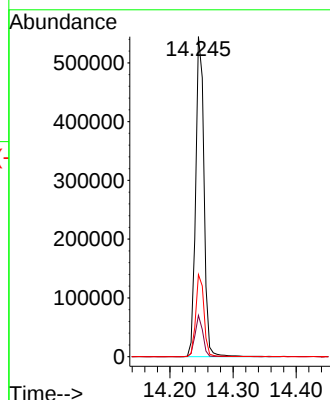
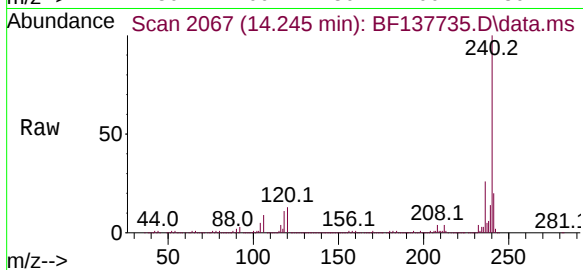
Tgt Ion:240 Resp: 496435

Ion Ratio Lower Upper

240 100

120 12.9 11.9 17.9

236 25.7 20.8 31.2



#79

Terphenyl-d14

Concen: 79.614 ng

RT: 13.186 min Scan# 1887

Delta R.T. -0.012 min

Lab File: BF137735.D

Acq: 26 Apr 2024 15:16

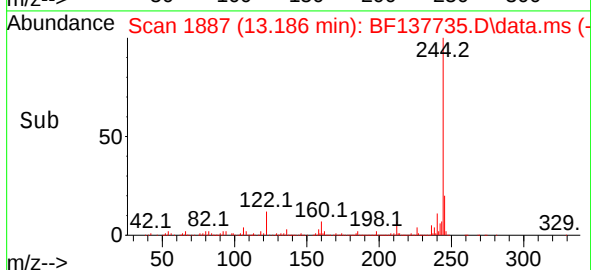
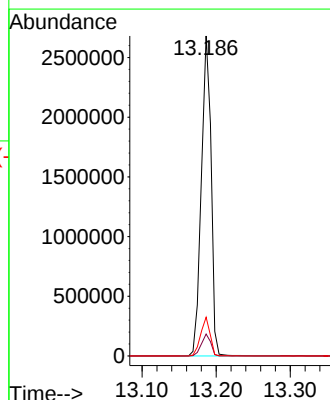
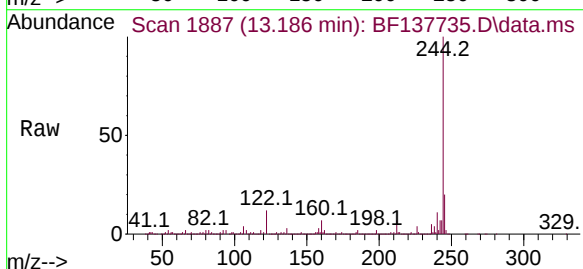
Tgt Ion:244 Resp: 2455536

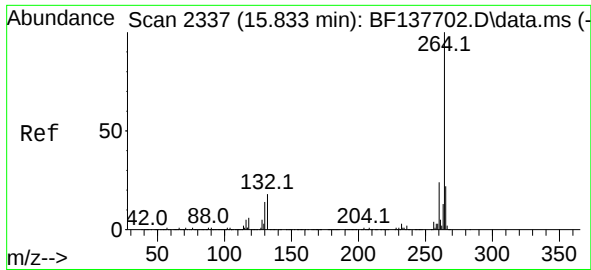
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 12.1 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.821 min Scan# 24
Delta R.T. -0.012 min
Lab File: BF137735.D
Acq: 26 Apr 2024 15:16

Instrument :
BNA_F
ClientSampleId :
B-131-GW-01

Tgt Ion:264 Resp: 495411
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 21.2 17.5 26.3

